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6223



*Spring and
Summer*

Picturing our Improved Strain of White Wonder. Our Velvet Supreme in background.

Your Snapdragon Seed

The growing of this and our non-branching stocks for seed is our leading greenhouse activity. All of it is done through single plant selections. This not only insures, but improves the quality annually.

Groff Ball
INC

CATALOG NUMBER 47 ■ JUNE 1943
WEST CHICAGO, ILLINOIS, U. S. A.

PLANTS • BULBS



Vase of Ball Quality Western Grown Daffodils

BULBS—FALL DELIVERY

With the labor situation on the West Coast becoming more and more acute with each passing month, we are all concerned as to the quantity of Iris and Daffodils available next Fall. **Why not send us your order today?** The earlier they are received, the more certain they will be filled.

DAFFODILS

		Size	Per 100	Per 1000
King Alfred	The best forcer. Large golden yellow	Jumbo		
King Alfred		D.N. # 2		
Laurens Koster	White perianth lemon yellow cup.	D.N. # 1		
Liberty	Large yellow trumpet. Similar to Olympia.	D.N. # 1		
Min. Talma	Large golden yellow.	D.N. # 1		
Glory of Sassenheim	Rich yellow trumpet. Fine white perianth.	D.N. # 1		
Spring Glory	A favorite for forcing. Bi-color. Excellent stem.	D.N. # 1		
The First	One of best. Early.	D.N. # 1		
Von Sion	Double, pure yellow, good forcer, early.	D.N. # 1		

PRICES

LATER

LILIES

Our CREOLE LILIES delivered last Fall were good. Satisfied customers have already placed orders for an increased amount. **HOW MANY MAY WE RESERVE FOR YOU?**

per bulb

6-8	packed 200 and 400 bulbs to a case	@	
7-9	packed 150 and 300 bulbs to a case	@	
8-10	packed 112 and 225 bulbs to a case	@	
9-11	packed 87 and 175 bulbs to a case	@	

PRICES

LATER

High quality bulbs of the following. Write for prices and special list. Growing instructions sent on request with all orders.

Calla (white)	Aethiopia	Tuberous Rooted Begonias
Calla (yellow)	Elliotiana	Freesias
Anemones & Ranunculus	Narcissus (Paper Whites)	Caladiums
Grandiflora		Amaryllis
		Gloxinias

IRIS

Wedgewood	Earliest. Forces well. Light Wedgewood shade.
Wedgewood	
Imperator	Late. Large. Dark blue.
Imperator	
Imperator	
White Excelsior	Best early white.
White Excelsior	
White Excelsior	
Yellow Queen	Late early, golden yellow. Best yellow forcer.
Yellow Queen	
Yellow Queen	

Size Per 100 Per 1000

8-9
10 up
6-7
7-8
7-8
6-7
7-8
8 up

PRICES

LATER

DORMANT PLANTS—FALL DELIVERY

ROSES

BABY ROSES—Good, well graded stock in No. 2, No. 1½, No. 1 and XXX from \$13.00 to \$35.00 per 100. All the wanted varieties: Baby Rambler, Triumph d'Orleans, Verdun, Pinocchio, Gloria Mundi, etc.

CLIMBING ROSES—Heavy two and three year old stock @ \$25.00 to \$50.00 per 100.

HYBRID TEAS—All the popular kinds. X size @ \$22.00, XX size @ \$30.00 and XXX size @ \$35.00 per 100.

SPIREAS

For Easter and Mother's Day sales. Crimson, Lilac, Pink shades and White. Strong flowering clumps. \$3.50 per dozen, \$25.00 per 100. F.O.B. New York or Chicago.

BEGONIAS

GENESEE BEAUTY—Sport of Marjorie Gibbs. Tested and selected for four years. Color Brilliant Dark Pink. (2¼" —25 plants @ \$10.00; 100 plants @ \$35.00.)

MARJORIE GIBBS—2¼" \$26.00 per 100; \$250.00 per 1000.

AZALEAS

Labor shortages are reducing the supply. Popularity is increasing the demand. Good dependable stock will be scarce. Send in your order in **now**.

KURUME TYPE—Coral Bells, Hexe, Salmon Beauty, Hinodegiri, Twenty Grand, Snow, China Seas, Mrs. L. C. Fisher and the new Orange Coral Bells. Sizes 4", 6", 8" and 10" @ 40c, 55c, 75c, and 90c.

INDICA GRAFTED—All the good varieties \$1.00 for 8"-10" and \$1.35 for 10"-12".

HYDRANGEAS

Well ripened plants for Fall and Winter shipment. Sizes 4", 5", 6", 7" @ \$35.00 per 100 and up.



Poinsettias—Delivery August-September

		Per 100	Per 1000
Oak Leaf	2¼"	\$10.00	\$ 95.00
Ruth Ecke	2¼"	10.00	95.00
Mrs. Paul Ecke	2¼"	11.00	100.00
Henrietta Ecke			
(Double)	2¼"	11.00	100.00
White or Pink	2¼"	10.00	95.00

Prices subject to change

All indications point to a shortage of both bulbs and flowering plants next Fall. We can fill all early orders. Let us have your order now—our prices will be right.

PLANT

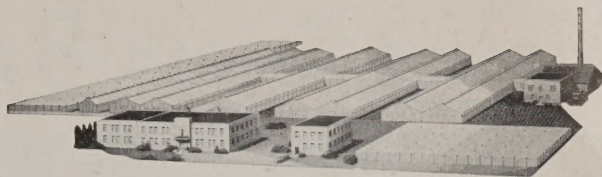


DEPARTMENT

Charles Newbold, Manager

What's Ahead?

During these times of scarcity we are particularly fortunate in growing our own seed of Forcing Snapdragons—Stocks—all Primulas, Cinerarias and Calceolarias: also Begonias. Growers who depend on us for these valuable items are also fortunate for these crops are carefully grown, rogued and harvested. We feel that they will average superior to what has been imported. With the acreage in most other flower seeds and the help to harvest it greatly reduced, there will be definite shortages the coming season in some lines. Also there will be some delays in delivery. With our office force largely made up of girls, we fully expect to do our part in making deliveries promptly. And,—be assured of a profitable market for all the good stock that can be produced. The brevity and reduced size of this catalog is in line with conserving time and material.



G. J. Ball

GROWER TALKS

The broad questions of culture and varieties in most lines of Florists crops is ever a live subject to the grower. These are the exclusive fields of GROWER TALKS. When information is given along these lines from a practical angle, its value might be considerable. Our long experience with the production of miscellaneous crops, along with our experimental work and trials, enables us to make GROWER TALKS of considerable interest to growers and issued monthly—40c per annum, 2 years 75c.

THE BALL RED BOOK

gives practical information on the growing of 181 greenhouse subjects—mailed postpaid for 30c.

SEED SOWING

Considerable money is sometimes lost thru the improper management of seed beds. This circular tries to cover all phases of the subject. It is mailed gratis. Also we will gladly send you GRAVEL CROPS AND SUB-IRRIGATION by our Captain Vic Ball. With the conclusion of the war, this will become a subject of first class commercial importance. Better get acquainted with it.

OUR BETTER PLANT BANDS

are made of Oregon spruce that is used for air ship construction. This combined with the question of labor, is temporarily cutting into the supply of these Bands. Chances are they will again be available next season, for which we are booking orders.



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Easily Grown BALL NON BRANCHING



Flowers from our Easter cut of Ball Stocks. Left to right, our No. 16, 22, and our improvement on our No. 15. This will be known as "Improved 15." This improves 16 in being 6-8 in. longer stemmed, and flowers are closer spaced than our original 15. This improved strain will be ready for release next season.

NOTICE: We have written the complete story of the method used in growing the finest crop of Ball Stocks for Easter we ever produced. Some original ideas together with all the details will be incorporated in it. If interested, we will gladly send you a copy.

Ease of growth, less labor in their production than most crops call for, combined with their general excellence when well grown, are our explanations for the increasing demand we are finding for them. When spaced 3 x 8 in. in sterilized or clean soil, and grown in a minimum of 45-48°, with ventilation when possible, there is no reason why they shouldn't be supremely fine. We have originated or much improved every variety on our list but one. The quality of our strains is maintained thru annual single plant selections. We challenge any one to produce better strains. Our monthly "Grower Talks" will keep you posted on all details of their culture.

PINK AND ROSE VARIETIES

No. 11 Ball Pink. A medium light rose pink. Earlier and somewhat lighter than our No. 22, but not quite as long stemmed.

No. 14 Ball Rose Pink. An early flowering, fairly deep rose pink. Darker in color and longer stemmed than the above variety.

No. 9 Chamois Pink Improved. A warm rosy buff color. Distinctly improves the original stock of this variety in stem length and percentage of doubles.

No. 7 Malmaison Pink. Extra long-stemmed blush pink, with some tendency to branch at the base of the flower spike. Useful in combination with darker varieties.

No. 6 American Beauty. Rich deep American Beauty or carmine rose. An appealing but rather heavy color.

Prices on all Non-branching Varieties as Follows:

1/2 Tr. pkt., 60c; Tr. pkt. (about 1,200 seeds), \$1.00; 1/4 oz., \$2.50; 1 oz., \$9.00.

GIANTS OF CALIFORNIA

***Pacific.** Fairly dark lilac-mauve.
***Yosemite.** The shade of Bismarck Rose.
Roselight. A clear bright pink.
***Santa Maria.** Best branching white.
Prices for above Four Varieties Each: Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.50.
Mixture of all colors in this fine class.
Price: Tr. pkt., 35c; 1/4 oz., \$1.15; 1 oz., \$4.00.

IMPROVED BISMARCKS

Antique Copper. Fine copper red.
Apple Blossom. Pale, delicate pink.
Blood Red. Bright ruby red.
Buttercup. Deep cream, strong growing.
***Chamois.** Clear chamois or buff.
***Elk's Pride.** Rich purple.
Flesh. Pale coral pink.
***Golden Ball.** Ivory yellow.

BRANCHING

Golden Rose. Chamois pink.

***Lavender.** Clear lilac lavender.

***Lilac.** Fairly deep lilac blue.

***Rose.** Fine bright rose pink.

***Shasta.** Giant-flowered white.

White. Good clear white.

Formula Mixture of above colors.

Prices Each: Tr. pkt., 35c; 1/4 oz., \$1.15; 1 oz., \$3.50.

STOCKS

18,000 SEEDS
PER OUNCE

GOING PLACES—FAST

These three varieties are the most popular on our list and in our opinion each is unquestionably the finest in its color class. Listed in order of general demand.

***No. 16 Ball White Improved—Medium Tall.** Still the finest early pure white. Entirely non-branching with extra large florets and heavy compact spikes of snowy whiteness. Don't overlook this for your Easter crop. Good seed supplies at present.

***No. 1 Lilac Lavender.** Our own excellent large flowered strain of this always popular color. Ample seed supplies.

***No. 22 Ball Supreme.** A real Blue Ribbon winner. Long heavy spikes of rich silvery rose produced on extra long strong stems are increasing the popularity of this variety annually.



LAVENDER, BLUE AND PURPLE VARIETIES

***No. 3 Ball Blue.** A medium lavender mauve identical in habit to Lilac Lavender. A moderate amount of this is usually wanted.

No. 21 Ball Purple. Bright Elk's Pride Purple, long stemmed and extra early. A bold and striking color that blends well with Apricot and pale ivory yellows.

No. 23 Pastel Lavender. A pale, smoky lavender selection from our Lilac Lavender.

WHITE VARIETIES

No. 15 Ball White Improved. Averages 4 to 6 inches taller than our No. 16 but with flowers spaced farther apart. Trade Packets Only until new crop in Sept.

No. 5 Ball White Extra Dwarf. The extra dwarf (12 to 14 in.) habit and compactly formed pure white spikes of this new type suit it well for pot

Besides picturing our Victory symbol, this shows Ball Stock possibilities when grown under outdoor California conditions, where they have 8 months to develop. With that length of time under glass they would be equally fine.

plant use. Well grown it resembles a large white Hyacinth. Richly fragrant, with shiny dark green wallflower-like leaves.

Gardenia. Not a true non-branching type. Long stemmed and pure white, but very late flowering.

MISCELLANEOUS VARIETIES

No. 8 Ruby. Long-stemmed, glowing crimson red. Plant moderately of this rather strong color for market use.

***No. 20 Ball Apricot.** Strong growing buff with a faint pink tinge. An extra large flowered variety that blends well with all lavender and blue shades.

No. 17. Gold Standard. Creamy ivory yellow. An attractive novelty color.

No. 10 Mixture. Our own formula mixture. Contains mostly good market varieties with a limited amount of novelty colors.

Prices on All Non-Branching Varieties as Follows: 1/2 tr. pkt., 60c; Tr. pkt. (about 1,200 seeds), \$1.00; 1/4 oz., \$2.50; 1 oz., \$9.00.

STOCKS

PERPETUAL BRANCHING

(Giant Perfection)

***Empress Augusta Victoria.** Silver Lilac.

Heatham Beauty. Golden Rose.

Rose. A clear even shade.

Snowdrift. Clear white.

Mixture of above.

Prices each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.65.

BEAUTY OF NICE

Aurora. Golden buff.

Cote d'Azur. Light lavender-blue.

Flesh Pink. (Beauty of Nice).

Mont Blanc. Extra early pure white.

Queen Alexandra. Fine rosy lilac.

Mixture of above.

Prices Each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.65.

DWARF TEN WEEK

Blood Red Carmine-Pink Lavender

Canary-Yellow Deep-Rose Purple

White Formula Mixture

Prices for Above Varieties and Formula

Mixture Each: Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.00.

Forcing Snapdragons

(2000 Seeds
per Trade Pkt.)

Heading the list of miscellaneous crops, Snaps are of particular value for war time conditions. We not only grow our own seed in our greenhouse, but are especially interested in producing improved strains and varieties thru single plant selections. Timely information on growing this crop will be found in our "Grower Talks."

BALL TWELVE BEST

(For Mid-winter)

Although we realize that no list of "best" varieties will prove 100% satisfactory in all localities, we are as sure as we can be that the following twelve constitute the very cream of today's finest. Changing conditions and cultural practices together with almost yearly improvements over existing varieties, of course, make any set and unchangeable grouping out of the question. In this way we make every effort to keep this list up to date.



OUR PHIL JONES whose big job is to develop improved strains in everything we grow and he's doing a good job of it too.



If you order 3 or more full packets of varieties that are priced the same, the following schedule of grouping prices will be in effect:

WHERE PRICE IS: \$1.00 per pkt., we supply ANY 3 for \$2.50; ANY 5 for \$3.50; ANY 7 for \$4.55. For \$1.50 pkts., we supply ANY 3 for \$4.00; ANY 5 for \$6.50. For 2.00 pkts., we supply ANY 3 for \$5.00; ANY 5 for \$7.50.

1/2 tr. pkts. of any variety priced at \$1.00 are supplied at 60c; 1/2 pkts. of \$1.50 varieties, \$1.00. No 1/2 pkts. on \$2.00 varieties EXCEPT WHERE NOTED.

***Christmas Cheer.** Without question the finest and most profitable extra early rose pink. Uniformly even, long-stemmed habit with large well formed spikes of rich bright rose. We handle only the originator's seed. Tr. pkt., \$2.00.

***Better Times.** Very attractive American Beauty rose-red. A few days later than Christmas Cheer and to insure good stem length, should not be grown too cold. Very compact closely set spikes. We handle only the originator's seed. Tr. pkt., \$2.00.

***Cheviot Maid Reselected.** (Ball Strain). Our own strain of this ever-popular variety is practically 100% true to its medium rose pink color and uniform, clean habit of growth. Tr. pkt., \$1.00.

***Peggy Schumann.** Extra fine creamy rose pink with heavy, stiff stems and well formed spikes. The popularity of this choice variety is spreading rapidly, having found high favor with Eastern growers especially. Tr. pkt., \$2.00.

***St. Louis Early Pink.** Although an early sowing is required to flower this fine variety for Christmas, its outstandingly vigorous growth and long tapering spikes of beautiful silvery pink place it near the top of any list of best varieties. Tr. pkt., \$1.50.

***White Wonder Improved.** Our own uniformly long stemmed, even growing strain of this pure white variety. A few days later than Koester's White, but considerably stronger in growth. Originator's seed also available in his sealed packets. Please specify if desired. Tr. pkt., \$1.00.

***Koester's White.** Fine early flowering pure white sufficiently long-stemmed for most purposes. Well formed attractive spikes. Tr. pkt., \$1.50.

Ball Twelve Best—(Continued)

***Ethel.** The only perfectly uniform, fairly deep yellow without excess grassy growth, that we know of. Though the flower spikes are not large in diameter, the florets are closely set, making a very attractive head. Medium early. Tr. pkt., \$1.50.

***Sunlite.** Extra early golden bronze, with large symmetrical spikes. An excellent producer that comes back quickly after a heavy cut. Medium length stems. Tr. pkt., \$1.00.

***Afterglow.** Continues to be the best and most popular orange-bronze. Especially fine for spring flowering. Tr. pkt., \$1.00.

***Windmill's Lilac.** A newcomer to our 12 Best list. It takes the place of Ball lavender because of its earlier flowering habit. Produces long graceful spikes of a beautiful rosy lilac shade. True to color and long-stemmed. Tr. pkt., \$1.50.

***Velvet Supreme.** A rich velvety scarlet crimson; uniform in growth and fairly early. A large flowered and attractive color that should replace Velvet Beauty. Tr. pkt., \$1.50.

Ball Forcing Mixture. Carefully balanced mixture of the most popular varieties in our 12 Best list. Tr. pkt., \$1.00.

STANDARD WINTER SNAPS

Except the 12 Best

Starred (*) varieties we find of special value.

	Tr. Pkt.
* America. Large flowered deep rose and orange bi-color. Attractive novelty color.....	\$1.50
Ball Christmas Red. Extra early velvety crimson.....	1.00
Ball Dwarf White. Quite nice for pot plants. Not a cut flower type. Cultural notes with each packet.....	1.00
Ball Early Pink. Though some growers find the flowers a little far apart we consider it valuable under most conditions as a Christmas flowering rose.....	1.00
Ball Lavender. A rich lilac-lavender. Fine spike and long-stemmed.	1.50
Bertha Bour. Standard lavender. Originator's packets....	1.50
Bronze Christmas Cheer (New). Bronzy copper, shading through deep gold to apricot. Medium stem length and clean growth. Originator's packets only.....	2.00

Standard Winter Snaps (Continued)

Tr. Pkt.

Carol Jean. Light, creamy yellow. Clean uniform growth. Originator's packets.	2.00
Cheviot Maid Yellow. Early yellow; medium size flower.	1.00
Ceylon Court Dark. Standard early yellow; somewhat darker than Ethel.	1.00
* Coates Yellow Perfection. Not early, but a fine yellow for spring.	1.00
Daybreak. (Rust-proof strain). Clear light pink.	1.00
* Gilbert's Pink. Deep rose pink; preferred by many growers. Originator's packets.	1.50
* Glorious. Strikingly brilliant reddish bronze. A more intense Afterglow for spring.	1.50
Ideal. Bi-color rosy bronze and gold.	1.50
Kirkwood Beauty. Orange bronze.	1.00
* Klondike Supreme. Excellent yellow for spring. Prefer to Coates Yellow because of darker green foliage.	1.00
Lucky Strike. Continues its popularity as a strong growing creamy white for spring.	1.00
Maiden's Blush. White, suffused with pale blush pink. Originator's packets. 1/2 tr. pkt., 85c.	1.50
* Marie Louise. A beautiful light shell pink. Especially choice color for spring.	2.00
Marion. Popular spring flowering white.	1.50

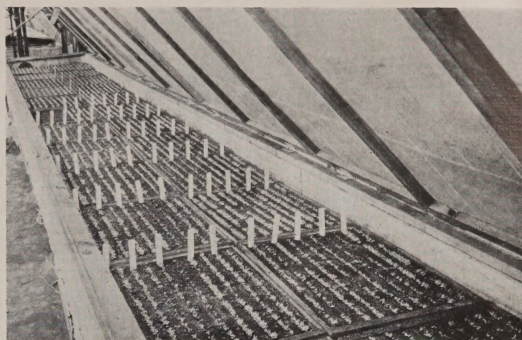
Substitute for **Mary Ellen**—Yoder's No. 33.

Because no seed of the popular Mary Ellen will be available this season, we have Mr. Yoder's permission to propagate from, and sell seed of one of Mary Ellen's parent strains as a substitute for the original. This parent, to be known as No. 33, is a uniform beautiful light pink, slightly deeper than Mary Ellen but with the same long, stiff-stemmed habit and early flowering. We offer this strain with every confidence as a very excellent light pink cut flower variety. Unless instructed to the contrary all orders for seed of Mary Ellen will be filled with the No. 33. Trade packets, \$1.50 each. Seed available in July.

* Maryland Pink. Early flowering, light creamy pink. Exceptionally uniform growth. Originator's packets. 1/2 tr. pkt., \$1.25.	2.00
* Miss Wooster. Extra large flowered, fine light golden orange for spring.	1.00
* New Cincinnati. Medium rose pink with long flower spikes and extra long stems. Ideal second early variety.	1.00

* Early Cincinnati. Our own early flowering strain. Uniformly true and even growth, make this a worthwhile addition to our list.	1.00
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Radiance. Extra early rose pink.	1.00
* Rose Queen. Standard fine deep rose for late winter or spring.	1.00
Schaffroth's Pink. Long-stemmed rose pink with some color variation.	2.00
* Schaffroth's White. Extra long stems and heavy spikes. Should be preferred to Lucky Strike for purity of whiteness.	2.00
Schumann's Lavender. Excellent, large flowered rosy lavender for spring. Full, heavy spikes.	2.00
Schumann's Yellow. Large flowered, medium yellow. Originator's packets only.	2.00
Sunray. Long stemmed, with no wild growth. A fairly light yellow. Originator's packets only.	2.00
* Suntan. Early flowering rosy bronze. Color similar to Afterglow but earlier.	1.00
Terry's Surprise Improved. Rosy orange. Long-stemmed and fine for spring.	1.00



Germination tests are all sown in sterilized soil. Bed pictured is 300 ft. long and is filled with various tests nearly all thru the year.

Standard Winter Snaps—(Continued)

Tr. Pkt.

Velvet Beauty. Magenta crimson. Our trials show about 25% "off" colors. Originator's packets.	1.00
Westover's Fringed White. Large attractively fringed white. One of the better varieties for spring.	1.00
Westover's Fringed White Early. (Windmill's.) Early selection of the above. Unusually nice. Originator's packets.	2.00
White Prosperity. Free flowering white. Originator's packets only.	1.50
Windmill's La France. Light pink. Originator's packets only.	1.50
Windmill's Rose Pink Cheviot. Extra early free flowering selection of Cheviot Maid.	1.00
Windmill's Appleblossom. A clear medium rose; very attractive.	1.00
Windmill's Snow White. Very fine pure white for Easter and later. Originator's packets only.	1.00
Yellow Wonder. Extra early, but with some unevenness in color and habit of growth.	1.50
Standard Early Mixed. Carefully blended mixture of the above varieties.	75c

SUMMER OR OUTDOOR SNAPS

Our Ten Best

We consider these varieties the finest in their color classes for outside growing. All are rust resistant. See our spring catalog for complete list of other varieties.

Rosalie. (Majus Grand.) Same color as winter flowering Rose Queen. Fine for cut-flowers.	
Pinkie. (Majus Grand.) A medium rose pink, about the color of winter-flowering Cheviot Maid.	
Alaska. (Maximum). The best clear white.	
Canary Bird. (Maximum). Fine long-stemmed clear light yellow.	
Yellow Jacket. (Majus Grand.) Deep yellow and fine for cutting.	
Defiance. (Majus Grand.) Shades of attractive bronze and wall-flower red.	
Maximum Crimson. A rich, deep velvety crimson, color of winter-flowering Velvet Supreme.	
Red Cross. (Maximum). Attractive combination of velvety crimson and bright golden yellow.	
Improved California Mixture. The above excellent cut flower varieties are blended by ourselves in this formula mixture in proportion to their commercial value and sales demands.	
Orange Shades. (Nanum Grand.) Attractive shades of golden bronze. Dwarf and compact, for bedding only.	
Prices on all above: Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.	

WINTER PEAS

350 Seeds per oz.

If successfully grown the very free flowering habit of Winter Peas makes them quite profitable. Their roots seem very susceptible to a form of rot that frequently cuts their life and crop of flowers in half. To avoid this we steam sterilize our soil for Peas annually. In our latitude they must be sown early in July to get the vines hardened enuf to hold buds for winter flowering. An August sowing usually goes into the shortening days too soft to hold buds. A September sowing we let come slowly until January when they start setting buds. Night temperature should then be held at 50°. A November or December sowing should be grown cold until they flower in March. Our "Grower Talks" gives detailed information on handling Peas throughout their season.

THREE REAL IMPROVEMENTS

These three new varieties represent the result of 6 to 7 years of patient and costly cross-breeding and selection by ourselves under real winter greenhouse conditions. That they represent really worth while improvements, we are firmly convinced.

Ball Blue Supreme. A real Blue Ribbon winner. A rich luminous Hoover shade of blue with flowers almost twice the size of that variety and without its objectionable green edges. Many 4's produced on extra long heavy stems. Extremely free flowering and very vigorous in growth. We predict a great future for this variety. Delivery from new crop late fall.

Ball Orange Supreme. A long awaited and badly needed addition to this color class. A distinct improvement over our Ball Orange in its much stronger growth and longer, heavier stem. An intense fiery orange color that must be seen to be appreciated. Our own development and introduction. Delivery from new crop late fall.

New Ball Rose. A warm, rich deep rose. Large flowers, usually in 3's on long strong stems and extremely free flowering. A vigorous, healthy grower but vines not as tall as most varieties which makes it well suited for use where head room is limited. Prefer this to our original Ball Rose because of flower size and better stems. Ready for immediate delivery.

ABOVE THREE NEW VARIETIES EACH PRICED AT: ½ oz., 85c; 1 oz., \$1.50; 4 ozs., \$5.00; 1 lb. \$15.00.

THE 12 BEST VARIETIES

We are certain that these varieties represent the best in their respective colors for mid-winter flowering under most conditions.

PRICES on ALL following Early or Winter Flowering Pea Varieties, except where noted are as follows: ½ oz., 25c; 1 oz., 40c; 4 oz., \$1.25; 1 lb., \$4.50.

- ***Ball Rose Queen.** Extra long stems and large flowers place this variety at the head of the clear rose pinks.
- ***Ball Rose Supreme.** Large wavy flowers of bright silvery rose pink. One of the best producers.
- ***Harmony.** Popular and always dependable early flowering lavender.
- ***Twilight.** A bright clear, large flowered lavender. Considered by many an improvement over Harmony.
- ***Triumph.** Long-stemmed rich lilac-mauve. A fine market variety that is becoming increasingly popular.
- ***Mrs. Hoover.** Popular early flowering mid-blue; best in the standard-price group.
- ***Princess Blue.** Soft, light lavender-blue. Extra large flowers and long stems make this a choice variety. Price: ½ oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.

- ***Ball White.** The largest flowered, longest stemmed, pure white. White seeded.
- ***Ball Salmon.** Fairly deep salmon or coral pink. Medium flower size but an excellent producer. Price: ½ oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.
- ***Ball Orange Improved.** Fine clear orange. Growth only medium, but a brilliant color.
- ***Treasure Island.** Long stemmed, glowing orange-scarlet. Exceptionally large, wavy flowers of good substance. Price: ½ oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.
- ***Fiesta.** Large flowered, brilliant scarlet-cerise. We consider this striking color the finest red in early Peas. Price: ½ oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.
- ***12 Best Mixture.** Our own formula mixture of the above varieties predominating in the best commercial colors.

PRICES on All Above Early or Winter Flowering Pea Varieties, except where noted are as follows: ½ oz., 25c; 1 oz., 40c; 4 oz., \$1.25; 1 lb., \$4.50.

SPRING FLOWERING PEAS

We have on hand now for immediate shipment, supplies of all Spring Flowering varieties. This type should not be sown however until late Fall (November or December) for late spring flowering next spring. See our January '43 catalog for complete list of varieties with descriptions and prices.

EARLY FLOWERING PEAS--General List

American Beauty. American-Beauty rose.
Amethyst. Rich bright mauve-purple.
Annie Laurie. Bright rose pink.
Apollo. Salmon-cerise.
Attraction. Long-stemmed salmon rose.
***Bacchus.** Deep maroon-purple. Large flowered.
Ball Rose Imp. Standard bright rose.
***Blue Danube.** A clear deep blue.
Boon. Deep salmon-rose.
***Bridesmaid.** Delightful silvery pink. Large flowered.
Bright Light. Vivid orange-scarlet.
Chevalier. Dark rose.
***Cinderella.** Large flowered clear light blue.
Columbia. Rose and white bi-color.
***Daphne.** Soft salmon-pink on cream. Large flowered.
Eileen. Rich Begonia rose.
Eleanor Blue. Nice light blue for spring.
Flamingo. Orange-cerise combination.
Fragrance. Clear lavender for spring flowering.
***Gardenia.** Finest long-stemmed pure white for spring.
Grenadier. Poppy-scarlet.
Heather Bell. Pleasing orchid-lavender. Rather small flowered.
***Hiawatha.** Strong growing, large flowered, fine deep rose.
***Hope.** Fine black-seeded white.
Jeanne Mamitsch. Clear rose; long-stemmed.
Josie. Longest-stemmed clear rose pink.
***Laddie Imp.** Long-stemmed fairly light rose pink.

Majestic Rose. Fine large-flowered rose-pink.
Michigan. Clear lavender.
Mrs. Holscher. Large rose-pink.
Mrs. Kerr. Salmon.
Oriental. Black-seeded cream.
Pride. Extra long-stemmed brilliant cerise.
Prosperity. Soft glowing rose-cream.
Red Bird. Crimson-red.
***Redwood.** Large-flowered deep, velvety crimson.
***Rhumba.** Excellent salmon cerise for spring.
Sequoia. Large flowered standard salmon rose.
***Signal Red.** Fine long-stemmed brilliant red.
Snowstorm. White-seeded white. Rather small-flowered.
***Sparks.** The finest poppy scarlet.
Sunproof Orange. Brilliant orange cerise.
Sunray. Light cerise; fine long stem.
***Tahoe.** Fine mid-blue for spring flowering.
***Top Hat.** Deep bright violet-blue.
***Tops.** Extra large, wavy flowered, light salmon rose.
Vivian. Deep carmine rose; long stemmed.
***White Harmony.** Similar to Hope; black-seeded.
Zvolanek's Rose. Laddie is preferred.
ALL ABOVE VARIETIES EACH PRICED AT: ½ oz., 25c; 1 oz., 40c; 4 ozs., \$1.25; 1 lb., \$4.50.
Ball Early Mixture. Carefully balanced mixture of winter flowering varieties. ½ oz., 20c; 1 oz., 30c; 4 oz., \$1.00; 1 lb. \$3.50.

ANNUAL LARKSPUR (8,000 seeds per oz.)

Due to labor shortages prevailing in the California seed fields, delivery of new crop Larkspur seed cannot be promised until late fall. Subject to these conditions we offer the following.

SIX BEST Cutting Varieties

According to our own market experience as well as seed demands, these represent the most satisfactory and profitable of the standard varieties. All are base branching.

***Blue Bell.** Clear mid-blue; excellent.
***Blue Spire.** Deep violet blue.
***Sweet Lavender.** Clear, even lavender.
***Gloria Imp.** Extra fine, deep rose.
***6- Best Mixture.** A formula mixture of the above varieties.

***Rosalind.** Shatter-proof, salmon rose.
***White King.** Finest large-flowered pure white.

BASE-BRANCHING or Imperial Varieties

Carmine King. Bright carmine-rose. Prefer Dazzler.

Daintiness. Light lavender. Too light for outdoor conditions.

***Dazzler.** A deeper rosy carmine than Carmine King.

***Exquisite Pink Imp.** Fine soft pink.

***Lilac King.** Slightly lighter than Sweet Lavender. Fine habit.

***Formula Mixture** of the above varieties predominating in the good commercial colors.

PRICES on all above varieties including mixtures and the Six Best: Tr. pkt., 25c; ¼ oz., 40c; ½ oz., 65c; 1 oz., \$1.10; 1 lb., \$11.00. 4 oz. of any ONE variety at lb. rate.

***Lilac Queen.** Rich deep lilac-lavender.

Los Angeles Imp. Bright salmon rose.

***Miss California.** Pleasing, salmon pink.

***White Cockade.** Fine, fully double pure white flowers.

White Spire. Clear white. Prefer White King.

STOCK FLOWERED VARIETIES

Dark Blue. Rather deep violet-blue.

***Lilac Supreme.** A clear deep lilac.

Lilac Improved. Mid-lilac; slightly lighter than above.

***Mauve Beauty.** Medium lavender-mauve.

***Rosamond.** Excellent, free flowering deep rose.

PRICES on all above Stock-flowered varieties and Mixture. Tr. pkt., 25c; 1 oz., 60c; 1 lb., \$7.50.

GIANT HYACINTH Flowered

Produces one long non-branching spike. Fine for long-stemmed cut flower purposes. Germination somewhat uncertain.

Dark Blue **Pink** **Lilac** **Purple**
White **Mixed**

PRICES on all the above varieties including Mixture: Tr. pkt., 35c; ¼ oz., 50c; 1 oz., \$1.50; 1 lb., \$15.00.

Los Angeles. Bright salmon-rose.

Rose Queen. Attractive rose-pink.

Sky Blue. A light blue.

***Tempest.** Brilliant deep blue.

White. Prefer White King.

Formula Mixture of above varieties.

White. Large flowered, clear white.

Lavender. A medium rosy lavender.

Above three Super Majestic varieties each

priced at: Tr. pkt., 35c; ¼ oz., 50c; 1 oz., \$1.50; 1 lb., \$12.50.

SUPER MAJESTICS (New)

Identical to the base-branching or imperial type except for a much stronger and taller growth and slightly later flowering period.

Rose Pink. A rich bright rose-pink.

White. Large flowered, clear white.

Lavender. A medium rosy lavender.

Above three Super Majestic varieties each

priced at: Tr. pkt., 35c; ¼ oz., 50c; 1 oz., \$1.50; 1 lb., \$12.50.



Stock-flowered type of Larkspur Rosamond, the finest deep rose-pink.

THE BALL CALENDULA

(3,000 seeds per oz.)

Seed of all the following strains is grown from stock seed raised from selected plants here in our own greenhouses at West Chicago. This costly breeding program, rigidly maintained every year since our introduction of this forcing type 24 years ago, insures the finest strains possible for your use. The important points in growing a crop of first class Calendula are (1) an early start (July in our latitude) to insure the valuable mid-winter crop; (2) disbudding to insure large flowers on long, stiff stems and (3) cool temperatures—not over 45 during their active growing season.

***Ball Improved Long Orange.** The longest-stemmed and largest flowered variety. Brilliant golden orange with a light center.

***Ball Masterpiece.** The standard and popular deep intense orange with dark center.

***Ball Lemon Queen.** Lemon yellow with contrasting brown eye.

***Ball Gold.** Large flowered deep golden yellow with light center.

Ball Long Orange. Deep intense orange with light center.

Ball Sensation. Very similar to above.

Ball Apricot. Our own large flowered strain of this buff or straw-yellow variety. Dark centered.

Camptfire. Popular deep orange.

Prices on all above varieties, each: Tr. pkt., 40c; ¼ oz., 60c; 1 oz., \$2.00; 2 ozs., \$3.50; 4 ozs., \$6.50.

Prices on weight lots will be accepted on 2 or more varieties together. For instance, on ¼ oz., each of 4 varieties, instead of allowing 60c each, the ounce price of \$2.00 will be accepted.

***Ball Formula Mixture.** Carefully blended by ourselves from the above varieties in proper proportion for commercial cut flower sales.

Ball Art Shades Mixture. A trial ground mixture containing many original and unusual shades.

Prices on above mixtures only, each: Tr. pkt., 35c; ¼ oz., 50c; 1 oz., \$1.50.

For a list of our bedding varieties of Calendula for out-door growing, see our January catalog.

PANSY SEED FOR FLORISTS

(25,000 seeds per oz.)

Like so many horticultural lines, the Pansy seed situation has changed completely since our present war shut off European imports. And probably no other line constitutes a better example of the impact of American methods of production and breeding on these former European specialties. Fine as these European strains were, the American-grown strains listed below are just as good, if not superior, and thru well-managed, scientific breeding programs, are improving every year. Prices of course have increased some, and directly reflect increased costs of production and handling. Supplies at present are somewhat limited and new crop prospects still somewhat uncertain—early-placed orders will help assure your requirements when you want them for sowing.

***Ball Giant Mixture.** Our well-known, excellent all-purpose mixture. We use the finest strains available of Swiss or Roggli giants, adding separate colors to insure a well-balanced color blend. Our finest bedding Pansy strain. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

***Ball Giant Mixture Dwarf Strain.** A fine Roggli or Swiss Giant strain selected for dwarf and compact habit. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

***Maple Leaf Giants.** Our finest extra large flowered strain. Heavy growth with good stems. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00.

***Englemann's Giant Mixture.** An excellent, large flowered strain with a bright and complete color range. Fairly compact growth. We offer originator's seed only. Tr. pkt., 75c; ¼ oz., \$3.75; 1 oz., \$12.00.

***Ball Winter Flowering.** Since the introduction several years ago of this tall winter flowering type, we have constantly improved it thru single plant selection for larger flowers and a complete and bright color blend. We believe our strain is the finest available. Sow in July or early August for winter and early spring crop. ½ Tr. pkt., 60c; Tr. pkt., \$1.00; ¼ oz., \$2.50; ¼ oz., \$4.75.

Roggli Giant Mixture. A fine bedding strain, predominating in rich red and bronze shades. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00.

We also supply imported seed in the originator's packets as follows: Tr. pkt., \$1.25; ¼ oz., \$2.50; ¼ oz., \$4.50; 1 oz., \$15.00.

Geneva Giants. A fine American selected strain of Swiss Giants. Tr. pkt., 75c; ¼ oz., \$2.75; 1 oz., \$9.00.

Dwarf Geneva Giants. A compact growing selection of the above. Tr. pkt., 60c; ¼ oz., \$1.25; ¼ oz., \$2.50; 1 oz., \$8.00.

Canadian Giants. An excellent, extra large flowered selection from Maple Leaf Giants. Tr. pkt., 75c; ¼ oz., \$1.50; ¼ oz., \$2.75; 1 oz., \$9.00.

Steele's Jumbo Mixture. We handle the originator's seed only of this popular American strain. Tr. pkt., \$1.00; ¼ oz., \$2.50; ¼ oz., \$4.50; 1 oz., \$15.00.

Improved Swiss Giants. Predominates in rich bronze and red shades. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00.

Donovan's Strain. We supply originator's seed of this extra compact growing strain. Tr. pkt., 75c; ¼ oz., \$3.00; 1 oz., \$10.00.

SWISS GIANTS IN SEPARATE COLORS

***Coronation Gold.** The finest clear yellow.

***Lake of Thun.** A fine, large flowered medium blue with darker center.

Alpenglow. Rich garnet red.

Rhinegold. Large flowered yellow with dark center.

Mt. Blanc. Finest clear white in the large-flowered Swiss type. Prices on all above Swiss separate color varieties, each: Tr. pkt., 75c; ¼ oz., \$1.75; ¼ oz., \$3.00; 1 oz., \$10.00.

POT PLANTS



Three years ago nearly all Cyclamen, Calceolaria and Primula seed was grown abroad as were many of our Cinerarias and Begonias. In this short space of time the American seed trade has taken over the responsibility not only of producing most of these items in quantity, but of actually improving them in many instances. That many production problems altogether new to seed growers were met and solved quickly, is surely to the credit of a trade that is every day proving itself capable of adapting its ways to meet rapidly changing conditions.

We take pardonable pride in having contributed our full share in this task. Today our greenhouses here in West Chicago with their thousands of pot plants for seed represent at least a small part of what we have come to know as—"The American Way."

AMERICAN CINERARIAS

There are no finer Cinerarias to be had than these American grown strains. We have every confidence in this statement, having flowered every important strain in existence in the past. This includes European as well as domestic strains. All varieties with one exception, listed on this page are produced here in West Chicago in our own greenhouses.

Sow from June on for Christmas flowering and later. An early Sept. sowing will produce fine 5 in. pots for the average Easter date while good 4's can be had in May from a sowing made as late as mid-December.

***Berlin Market Mixed.** (Weissensee Strain) 3,500 seeds per $\frac{1}{2}$ oz. A fine strain producing large rounded heads of medium large flowers on compact plants. Good commercial colors; about 90% light eyed. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.25.

Berlin Market, Dark Crimson. A deep crimson selection without any eye. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75.

***Grandiflora Dwarf Mixed.** 3,500 seeds per $\frac{1}{2}$ oz. Large flowers in a wide assortment of rich colors with contrasting large white eyes. Extra dwarf and compact growth. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.25.

Grandiflora Azure Blue. 3,500 seeds per $\frac{1}{2}$ oz. Medium sized flowers of fairly light blue. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75.

Dwarf Giant Exhibition Mixture. Extra large (5 to 6 in.) flowers in a wide color range on fairly dwarf plants. For exhibition work only. Tr. pkt., \$1.50; $\frac{1}{4}$ oz., \$2.25.

Stellata Mixture. (Star type) Small, free flowering strain. 24 to 30 in. tall. Mostly blue and lavender shades. Tr. pkt., 75c.

Eriksson's Private Stock. The originator's own Chicago market strain. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$3.00.

***No. 1 Mixture.** Consists of Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.75.



Multiflora Nana Gold Center

***No. 2 Mixture.** Contains $\frac{1}{2}$ Cremer's Prize Strain and $\frac{1}{4}$ each Siter's Rainbow Strain and Multiflora Nana, Gold Center Strain. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.75.

***Siter's Rainbow Strain.** 3,500 seeds per $\frac{1}{2}$ oz. An excellent market strain with immense heads of medium large, mostly white eyed flowers and small foliage. Contains many striking colors with plenty of good blues. Tr. pkt., \$2.00; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50; $\frac{1}{4}$ oz., \$8.00.

***Multiflora Nana, Gold Center.** 6,300 seeds per $\frac{1}{2}$ oz. Large compact heads of medium small self-colored flowers, each with a boldly contrasting bright golden yellow center have made this an exceptionally popular variety. Well balanced mixture of reds, pinks and blues. Small foliage makes it a fine shipper. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50.

***Cremer's Prize Strain.** (Reselected stock) 6,300 seeds per $\frac{1}{2}$ oz. Our own selection of this always popular variety. Uniformly bushy in growth with large heads of medium small flowers mostly in good reds and blues with white eyes. Great care has been taken in removing the lighter shades that fade quickly as well as the taller growing plants from our seed crop. Tr. pkt., \$1.50; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00; $\frac{1}{4}$ oz., \$7.50.
We furnish originator's seed in his packets at the above prices if requested.

CALCEOLARIAS

(About 800 seedlings per tr. pkt.)

Not at all hard to grow fine Calceolarias if certain necessary cultural points are observed. Must be grown cool (45° nights) and in light soil that drains readily. They must be protected with Aster cloth or some form of shading from direct sunlight in the spring and watering must be carefully looked after. Green fly should be anticipated and kept down preferably by tobacco pressure fumigators. Sow from July on thru Sept. for spring pot plants.



Dwarf Tigered and spotted Calceolarias come uniformly as pictured, highly attractive brown and yellow. We produce all of our seed of Calceolaria, Cineraria and Primula in our West Chicago greenhouses.

- *Multiflora Nana Mixture** (Ball Strain) Our most popular variety. Dwarf in growth with large compact heads of medium sized flowers. This is our own carefully selected strain and contains many colors new to this class. Fine for shipping. Tr. pkt. \$1.00; 1/128 oz., \$2.35; 1/4 oz., \$4.35; 1/2 oz., \$8.00.
- *Grandiflora Mixed.** Contains some of the most striking and unusual color combinations that we have ever seen in Calceolarias. Extra large flowers and fairly strong growth. Tr. pkt., \$1.00; 1/4 oz., \$2.50; 1/2 oz., \$4.50.
- Grandiflora Dwarf Mixed.** A more compact growing strain of the above. Tr. pkt., \$1.00; 1/4 oz., \$2.75; 1/2 oz., \$5.00.
- *Dwarf Tigered and Spotted.** Various spotted shades of "smoky" reds and rosy bronzes. Quite dwarf and compact with very full flower heads. Tr. pkt., \$1.00; 1/4 oz., \$2.50; 1/2 oz., \$4.50.
- *Triumph Strain.** Medium large flowers; mostly bright reds and yellows. Vigorous growth. Tr. pkt., \$1.25; 1/128 oz., \$2.25; 1/4 oz., \$4.00.
- Indian Prince.** A bright scarlet Multiflora Nana selection. Tr. pkt., \$1.00; 1/128 oz., \$2.35.
- Cloth of Gold.** Medium sized, freely produced golden yellow flowers. Very showy. Tr. pkt., \$1.00; 1/4 oz., \$2.50; 1/2 oz., \$4.50.

- Tigrina.** Medium sized tigered or spotted flowers; fairly tall growth. Tr. pkt., \$1.00; 1/4 oz., \$2.50; 1/2 oz., \$4.50.
- Flower Cloud.** Small flowers in shades of yellow, orange and bronze. Rather pointed leaves and somewhat harder growth than other varieties. Tr. pkt., \$1.50; 1/128 oz., \$3.50.

CYCLAMEN

We have ample seed supplies of almost all the following varieties at this time, but suggest early ordering in case shortages do develop later in the season.

	100 Seeds	1000 Seeds	5000 Seeds
No. 1 Dark Blood-Red	\$1.75	\$16.00	\$70.00
No. 2 Bright Red	1.75	16.00	70.00
No. 3 Pure Rose	1.75	16.00	70.00
No. 4 Soft Rose with carmine eye (Improved Rose of Marienthal).	1.75	16.00	70.00
No. 5 White with carmine eye	1.75	16.00	70.00
No. 6 Pure White	1.75	16.00	70.00

No. 7 Bonfire Brilliant salmon	2.25	20.00	90.00
No. 8 Salmon-Scarlet (America Improved)	2.30	21.00	95.00
No. 9 New Salmon-Rose Imp.	2.25	20.00	90.00
No. 10 Glory of Wandsbek (Perle of Zehlendorf). Dark Salmon.	2.20	18.00	80.00
No. 11 Rose of Zehlendorf Light salmon	2.20	18.00	80.00
No. 12 Orange Beauty Orange-vermilion	2.30	21.00	95.00
No. 14 Morning Red	2.20	18.00	80.00
No. 16 Saffron Red-Silver Edged	2.25	20.00	90.00
No. 18 Mozart Deep Pink	2.30	21.00	95.00
No. 19 Lavender	1.75	16.00	70.00
No. 20 New Ruffled Especially attractive class	2.30	21.00	95.00
No. 21 Pink Pearl Salmon-Pink	2.30	21.00	95.00
Mixture of above colors	1.65	15.00	65.00



VOGT'S DOUBLE STRAIN

We handle only Mr. Vogt's seed of this attractive double type.

Mixture of all colors. Priced at: 100 seeds, \$3.50; 250 seeds, \$7.00; 500 seeds, \$14.00; 1000 seeds, \$25.00.

"Saving seed" of left-over Cyclamen plants is far from producing uniformly good strains. At left we picture E. W. Burghard of Colorado Springs, whose European Cyclamen training and "mile high" climate enables him to produce fine strains of this seed. We handle Mr. Burghard's seed exclusively.

PRIMULA MALACOIDES

(12,000 seeds
per $\frac{1}{2}$ oz.)

The most popular and easily grown of all pot plant Primulas, with most varieties producing flowers averaging an inch or more in diameter. A sowing made this month will make fine 5 in. plants for next Valentine's Day if grown cold. Later sowings will produce correspondingly smaller sizes. Seed of all the following varieties are available in Mr. Eriksson's own packets. In addition several of the varieties can be had from our own growing as will be noted below.

Eriksson's New Red. A very striking and unusual salmon-red combination.

Originator's seed only. 500 seeds, \$1.00; 2000 seeds, \$3.00.

Eriksson's New Giant. Large flowered, late blooming, light salmon-rose.

Originator's seed only. 500 seeds, \$1.00; 2000 seeds, \$3.00.

Lilac Beauty. Soft lilac. Originator's seed only. 500 seeds, \$1.00; 2000 seeds, \$3.00.

New Baby Improved. Large flowered, deep glowing pink. Heavy stems. Originator's seed only. 800 seeds \$1.00; 2000 seeds, \$2.00.

Wonder Baby. Beautiful lavender pink. Originator's seed only. 800 seeds, \$1.00; 2000 seeds, \$2.00.

Eriksson's Special Mixed. Some of all the originator's varieties. Originator's seed only. 800 seeds, \$1.00; 2000 seeds, \$2.00; 6000 seeds, \$5.00.

We offer the following from our own growing as well as originator's.

***Glorry of Riverside.** Strong growing rich salmon rose. An excellent variety.

Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.

Originator's seed. 500 seeds, \$1.00 2000 seeds, \$3.00; 6000 seeds, \$8.00.

***Riverside Red Rose.** Bright cerise red: a "Better Times" color. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.

Originator's seed: 500 seeds, \$1.00; 2000 seeds, \$3.00.

***Eriksson's Pure White Improved.** Free flowering; the finest white. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.

Originator's seed; 800 seeds, \$1.00; 2000 seeds, \$2.00; 6000 seeds, \$5.00.

Eriksson's White Giant. Pure white. Large flowers and heavy stems. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.

Originator's seed: 500 seeds, \$1.00; 2000 seeds, \$3.00.

Brilliancy. Flowers open lavender—turn to dark velvety red. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.

Originator's seed (Baby Brilliant Red): 500 seeds, \$1.00; 2000 seeds, \$2.00.

Baby Rose. Bright rosy orchid; compact habit. Tr. pkt. \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.

Originator's seed: 800 seeds, \$1.00; 2000 seeds, \$2.00.

The three following our own growing only.

Baby Alba. Small flowered white. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50.

***Rosea Superba.** Extra large flowered, rosy orchid. Vigorous grower and one of the best all around varieties. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50.

Mixture. Our own balanced formula mixture. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50.

PRIMULA OBCONICA

(4000 seeds per $\frac{1}{2}$ oz.)

Excel all other Primulas in brilliance of coloring and large flower size. In spite of skin irritation produced on some people, they still continue to be popular. Sow this month and later for Christmas and early spring pot plants. Due to shortage of critical materials, we are discontinuing packeting our Primula Obconica seed in sealed tubes.



Baby Rose—its bright rose color and dwarf habit rate it high among Malacoides.

***Fasbender's Red.** Our own strain. An outstandingly fine extra large flowered deep crimson red.

Wyaston Wonder. (New). A special selection of this famous English variety. Vigorous growing, large flowered bright crimson. Tr. packets only.

Mohnstein's Atrosanguinea. (Dark Red). Popular deep red.

***Better Days.** Not quite as large flowered as Fasbender's but with more scarlet shading. A brilliant color.

***Mueller's Berlin Rose.** (Mueller's Rosea). Soft medium rose. Heavy compact plants and large flowers. Our own strain.

Lachsrosa. Salmon rose shades.

***Coreulea.** Clear mid-blue. A choice strain.

White. Rather tall growth.

***Formula Mixture.** Carefully blended mixture of above colors.

Prices on Each Above Varieties:

Tr. pkt., \$1.25; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.25.

Portland Beauty. The standard double flowering rose pink. Long stemmed and useful as a cut flower for centerpieces, etc. as well as for pot plants. Tr. pkts. only \$1.50.

PRIMULA CHINENSIS

Delivery of the following will be subject to the outcome of our greenhouse seed crop that looks favorable at this writing.

Dazzler. An outstandingly vivid orange.

Heath Rose. Compact growing, pale flesh pink.

Rose Queen. Rich, bright rose.

Special Mixture of above colors.

Prices on Each Above Varieties:

Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50.

Primula Kewensis. (Not a Chinese Primula). Deep yellow winter flowering pot plant. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.25.

BEGONIAS

(About 1000 Seedlings
per tr. pkt.)

SEMPERFLORENS OR FIBROUS ROOTED



Begonias make very nice small pot plants

Most varieties in this class will easily make nice small plants for combinations in 4 to 5 months from seed. Sow in June and July for fine pot plants for Christmas and later. Not at all hard to grow either if care is given to the germination of this fine seed.

- ***Adeline.** Extra free flowering bright pink; dwarf and compact. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50.
- ***Ball White** (new). Free flowering white that improves White Pearl in uniform bushy growth and purity of color. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00.
- ***Carmen.** Bright rose pink with bronze leaves. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00.
- Christmas Cheer.** Medium dwarf crimson-scarlet. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.25.
- ***Darling.** Large flowered medium pink. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00.
- Elegant.** Large blush pink flowers, edged rose. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50.
- ***Erfordia.** Clear pink. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.75.
- ***Fire Sea** (Blaze of Fire). Large fiery red; shiny green foliage. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00.
- Glory of Erfurt.** Strong growing, large flowered medium rose. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.25.
- Glow.** Showy red flowers; green foliage. Tr. pkts. only \$1.00.
- Ile de France.** Strong growing white. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50.
- ***Indian Maid.** Very popular combination of lustrous bronze leaves and rich scarlet flowers. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50.

- ***King of the Reds.** One of the finest dwarf red Begonias. Very early and free flowering and of vigorous bushy growth. Available only from new crop seed ready about July 1. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50.
- Lightning.** Strong growing, large flowered carmine-scarlet. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.50.
- Luminosa.** Ever popular bright scarlet. Available only from new crop seed ready about Sept. 1. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00.
- ***Luminosa Compacta.** Rather small bright scarlet flowers very freely produced on extra dwarf, compact plants. Available only from new crop seed ready about Sept. 1. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50.
- Mignon.** Medium tall salmon-scarlet. Tr. pkt., \$1.00; $\frac{1}{2}$ oz., \$2.50.
- Pink Radio** (new). Very attractive rich glowing rose with extra large flowers frequently measuring 2 inches or more across. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00.
- Prima Donna.** Well known, bushy growing rose pink. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50.
- ***Scandinavia.** Fine, bushy bright rose. Very popular with Chicago growers. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.

Scandinavia Red. A carmine-scarlet selection of the above variety. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00.

Scandinavia White. Well liked white Scandinavia selection. Tr. pkts., only \$1.00.

Scarlet Queen. Large flowered scarlet; bronzy green foliage. Tr. pkt. 75c; $\frac{1}{4}$ oz., \$1.15; $\frac{1}{2}$ oz., \$2.00.

Mixture. A complete mixture of all colors in the fibrous rooted class. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.00.

TUBEROUS ROOTED BEGONIAS

Single Mixed. Attractive shades of orange, rose, scarlet, etc. Large flowered. We sell Vetterle & Reinelt's Giant Pacific strain exclusively. Tr. pkt., \$1.00; 1/128 oz., \$3.00.

Double Mixed. Large Camellia-flowered double type in mixture of colors. We sell Vetterle & Reinelt's Giant Pacific strain exclusively. Tr. pkt., \$2.00.

Rex Hybrids. Ornamental leaved mixture of Rex Begonias with many unusual variations. Very small seed and must not be covered. 500 seed packets, \$2.00 each.

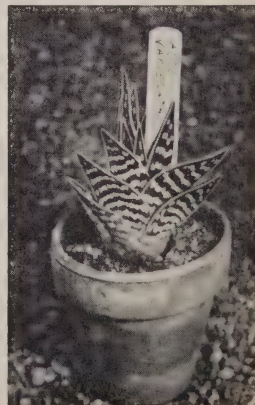
TWO "EASY TO GROW" SUCCULENTS



Aloe Ferox

Aloe Variegata (Tiger Aloe). A valuable item for florists because of the ease with which nice 2" pot plants of this attractive green and yellow tigered succulent can be produced in a year's time or less. A very popular and generally satisfactory house plant. 100 seeds \$1.50; 500 seeds \$6.50; 1000 seeds, \$11.00.

Aloe Ferox (African Wart Aloe). Small saleable plants of this fast growing succulent can be produced in 6 to 8 months from sowing. Good germination on succulent seed is obtained by sowing on a $\frac{1}{4}$ inch layer of sphagnum moss placed over wet soil. Soil temperature of 65° is necessary. 100 seeds, 50c; 250 seeds, \$1.00; 500 seeds, \$1.75; 1000 seeds, \$3.00.



MISCELLANEOUS ANNUALS

On this page, we list a few important annual crops, seed of which should be sown for greenhouse forcing, during the middle or late summer. For a complete list of all flower seeds we carry in stock, see our January catalog.



Candytuft, Giant
Hyacinth-Flowered.

CANDYTUFT

Hyacinth-Flowered Giant White. (Ball Strain). 9,500 s. A fall sowing will flower during mid-winter on raised beds. Ours is a specially selected greenhouse strain. Tr. pkt., 20c; ½ oz., 45c; 1 oz., 80c.

CENTAUREA CYANUS

(Bachelor Button or Cornflower) 6,500 s. Ours are the large flowered strains for greenhouse forcing.

***Blue Boy.** The standard Bachelor Button blue cornflower.

***Pinkie.** Attractive rose pink.

Red Boy. Carmine rose.

Snow Man. Pure white.

Formula Mixture of all colors in this class.

Prices on all above varieties and mixture, **Each:** Tr. pkt., 15c; 1 oz., 45c; 4 oz., \$1.50.

DIDISCUS

Coeruleus (Blue Lace Flower). 10,000 s. An attractive cut flower for fall from a July sowing or later from an after-Mum planting. Tr. pkt., 15c; ¼ oz., 30c; 1 oz., \$1.00.

GYPHOPHILA ELEGANS

(Baby's Breath). 24,000 s. A fast-growing catch crop for either in-door or out-door growing.

***Covent Garden Market.** Our finest large-flowered strain. 1 oz., 25c; 4 ozs., 75c; 1 lb., \$2.25.

***Paris Market** (Multiflora strain). Medium sized flowers that hold up well when cut. 1 oz., 20c; 4 ozs., 55c; 1 lb., \$1.75.

LUPINE (Annual)

The popular early spring crop of Lupines comes from a late summer sowing in pots. When well started, they can be hardened off and kept in cold frames until Mum beds are cleared.

***GIANT KING.** 1,300 s. The preferred strain for greenhouse cut flower work. Long-stemmed and large-flowered.

***Oxford Blue.** The standard rich deep blue.

Sky Blue.

Heliotrope. A pleasing rosy-purple shade.

White.

Mixture of above colors.

Prices on above varieties and mixture, **Each:** Tr. pkt., 20c; 1 oz., 60c; 4 oz., \$1.75.

MARIGOLD

For mid-winter cutting, Marigolds are fine, especially for the retail grower. They are free flowering and with bright, positive colors and strong growth that aren't affected by dark, mid-winter weather.

WINTER FLOWERING. 9,000 s. The following are "short day" varieties that flower only in the short days of winter. The sowing season is therefore, limited in our latitude beginning end of July to first part of December. Plant in beds 10 x 12 in. 25 ft. of bench space devoted to these winter flowering Marigolds should be ample for most retail growers.

***Australian Tree.** The standard variety. Rich mahogany-red with golden yellow crest. 95% double. Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.35.

Lieb's Strain. Very similar to above. Tr. pkt., 25c; ¼ oz., 60c; 1 oz., \$2.00.

Lieb's Winter Sunshine. Large double-flowered clear yellow. Tr. pkt., 25c; ¼ oz., 60c; 1 oz., \$2.00.

GIANT AFRICAN. 10,000 s. Each of the following **BALL SIX BEST** varieties in this large flowered type will produce a fine December crop of flowers from a sowing in mid-August, transplanted to raised beds. Close planting (4 x 4 in.) and disbudding, one flower per plant are best.

***All Double Orange.** The standard, large-flowered orange.

All Double Lemon. Identical to above except in color.

All Double Mixture.

***Gold Imp.** Long-stemmed and of medium sized Carnation-flowered type. Odorless foliage. Golden orange.

Guinea Gold. A Carnation-flowered golden orange, very similar to above.

Yellow Supreme. Bright lemon yellow, Carnation-flowered type. Medium long stems.

Six-Best Mixture. Our own carefully blended formula mixture of the above varieties.

Prices on above six varieties and mixture, **Each:** Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.60.

MIGNONETTE

27,000 s. Sow seed in pots in August and plant in a Carnation temperature 10 x 12 in. Disbudding and supporting produce fine, long-stemmed flowers.

***Ball Strain.** Selected for earliness and full spikes of large white flowers. ½ Tr. pkt., 60c; Tr. pkt., \$1.00; ¼ oz., \$1.75.

New York Market. A standard cut-flower strain. Tr. pkt., 75c; ¼ oz., \$1.50.

MYOSOTIS (Forget-me-not)

***Ball Early.** 44,000 s. Ours is the original and true **Winter Flowering Variety.** An August sowing will flower continuously from November on thruout the dark winter months, 8 to 10 in. stems. Tr. pkt., 35c; ¼ oz., 85c; 1 oz., \$3.00.

STATICE

Our annual Statice seed is grown for us by a specialist that insures first-class strains of high germination. We have ample supplies on all the following varieties for immediate delivery.

***Bonduelli Superba.** 350 seed heads per oz. Similar to the Sinuata varieties; large yellow flowers. Tr. pkt., 15c; 1 oz., 25c; 1 lb., \$3.00.

Suworowi. (Russian or Rat Tail Statice) 12,000 s. An October sowing carried along in pots and planted out after Mums will produce fine long spikes in early spring. A fine early cut flower item. Tr. pkt., 15c; ¼ oz., 40c; 1 oz., \$1.35.

SINUATA. 350 seed heads per oz. The type grown extensively out-doors in the South from a late summer or Fall sowing.

***Market Grower's Blue.** Excellent fine, even deep blue.

***Lavender Queen.** A pleasing and bright pastel lavender.

***Snow Witch.** Improved white.

Kampf's Tall Improved. Standard long-stemmed blue.

True Blue.

Rosea Superba. Rosy lavender.

***New Hybrids Mixture.** An attractive and complete mixture.

Prices on above Sinuata varieties, **Each:** Tr. pkt., 15c; 1 oz., 25c; 1 lb., \$3.00.

Miscellaneous Perennials

Because of lack of space, this is a considerably abbreviated list of the hardy perennial seed we have to offer. For a complete list, please refer to our January, '43 catalog.

ALYSSUM—The two varieties following are perfectly hardy with us and make fine, free flowering rock garden or border plants.

***Saxatile Compactum.** 30,000 S. 12 in. Flowers early May. Rich golden yellow. Tr. pkt., 15c; ¼ oz., 30c; 1 oz., \$1.00.

Saxatile Silver Queen. (Sulphureum). 30,000 S. Same as above but a light lemon yellow. Tr. pkt., 25c; ¼ oz., 65c; 1 oz., \$2.25.

ANCHUSA—***Barrelieri.** 5500 S. 15 in. Very fine Forget-me-not blue rock garden plant. Flowers middle to end of May. Tr. pkt., 35c; ¼ oz., 85c; 1 oz., \$3.00.

Dropmore Strain. (Italica) 1100 S. 6 ft. Nice blue for cutting. Tr. pkt., 15c; ¼ oz., 20c; 1 oz., 60c.

Myosotidiflora. 10,500 S. 12 in. May flowering forget-me-not blue. Seed should be placed in refrigerator for 72 hours before sowing. Tr. pkt., 50c; ½ oz., \$1.25; ¼ oz., \$2.25; 1 oz., \$8.00.

ANTHEMIS—***Kelwayi** (Hardy Marguerite) 85,000 S. 3 ft. Yellow Daisy flowers produced thruout the summer. Tr. pkt. 15c; 1 oz., 65.

AQUILEGIA—(Columbine) 15,500 S.—Though not well adapted for shipping, well grown Columbines are of definite cut flower value for retail growers. Not at all difficult to force either. Put up from the field the first year plants storing in a cold house or frame until about Feb. 1. Start in a low temperature gradually increasing to around 50°. A June sowing can also be planted right out in a raised bench and kept growing for fine spring flowers.

***Longissima.** Delicate, pale yellow with extra long (4 in.) spurs. Richly fragrant. Tr. pkt., 50c; ⅞ oz., \$2.50; ½ oz., \$4.50.

***Longissima Hybrids.** A variety of attractive shades in the Longissima type. Tr. pkt., 50c; ⅞ oz., \$2.75; ½ oz., \$5.00.

***Mrs. Nicholls.** A large flowered, clear deep blue Columbine. Tr. pkt., 50c; ½ oz., \$1.25; 1 oz., \$8.00.

***Crimson Star.** Deep blood red with white corolla. Tr. pkt., 50c; ½ oz., \$1.50; ¼ oz., \$2.75; 1 oz., \$10.00.

***Mrs. Scott Elliotts Hybrids.** An excellent and popular long-spurred mixture. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

Coerulea (Rocky Mountain Columbine). Sky-blue with white corolla. Tr. pkt., 25c; ¼ oz., 75c; 1 oz., \$2.50.

***Snow Queen.** (Candissima). 18 in. Finest pure white variety. Tr. pkt., 25c; ¼ oz., \$1.00; 1 oz., \$3.50.

Rose Queen. Rose shades with white corolla; varies in color. Tr. pkt., 25c; ¼ oz., \$1.00; 1 oz., \$3.50.

Mixture of all colors in this long-spurred class. Tr. pkt., 25c; ¼ oz., 85c; 1 oz., \$3.00.

ASCLEPIAS—***Tuberosa.** 4500 S. Fine orange for cutting. Requires well drained location. Freezing over winter helps germination. Tr. pkt., 25c; ¼ oz., 85c; 1 oz., \$2.75.

BAPTISIA—***Australis** (False Indigo). 1700 S. Sprays of pea-shaped indigo-blue flowers. 3 ft. Tr. pkt., 15c; 1 oz., 75c.

CAMPANULA—***CARPATICA.** 350,000 S. 12 in. Dwarf perennial. **Blue and Hybrid Mixture,** a strain containing many new colors in this dwarf class. Prices on above variety and mixture each: Tr. pkt., 25c; ¼ oz., \$1.50; 1 oz., \$5.00.

MEDIUM CALYCANTHEMA (Cup-and-Saucer Type). 120,000 S. 3 ft. Biennial.

Dark Blue Light Blue Rose White Mixture
Prices on above varieties and Mixture; each: Tr. pkt., 20c; ¼ oz., 50c; 1 oz., \$1.60.

MEDIUM SINGLE (Canterbury Bells). 135,000 S. 3 ft. biennial. **Dark Blue Light Blue Pink White Mixture**
Prices on the above varieties and Mixture; each: Tr. pkt., 15c; ¼ oz., 25c; 1 oz., 75c.

PERSICIFOLIA. 340,000 S. 30 in. Perennial.

White Blue Mixture

Prices on the above varieties and Mixture; each: Tr. pkt., 35c; ½ oz., \$1.00; ¼ oz., \$1.75.

For Perennial **Candytuft** see Iberis page 15.

CARNATION—***GRENADIN** (Hardy Carnation). 14,000 S. 20 in. Good for cutting. **Pink.** Tr. pkt., 50c; ¼ oz., \$1.25; 1 oz., \$4.00.

Golden Sun Red White Mixture

Above three varieties and mixture are furnished in Tr. pkts. only at 50c ea.

CENTAUREA—***Montana.** 1600 S. 24 in. Large Cornflower-blue flowers. Tr. pkt., 25c; ¼ oz., 60c.

CHRYSANTHEMUM—***Korean Hybrids.** 60,000 S. Single and semi-double types saved from a large planting of experimental crosses. Wonderful color range. Tr. pkt., \$1.00; ½ oz., \$2.25; ¼ oz., \$3.50.

COREOPSIS—***Sunburst** (New Gold). 11,000 S. A fine semi-double strain. Tr. pkt., 20c; ¼ oz., 30c; 1 oz., \$1.00.

***Mayfield Giant.** 11,000 S. Extra large deep golden yellow. Single. Tr. pkt., 15c; ¼ oz., 25c; 1 oz., 75c.

DAISY (Chrysanthemum Leucanthemum)—***G. Marconi.** The largest flowered and finest double Shasta Daisy strain. Long-stemmed. We handle only originator's seed. 50 seeds, 75c; 100 seeds, \$1.25.

Double Fringed (Diener's). 18,000 S. A specially re-selected strain producing about 50% good double types that should be propagated by division. Tr. pkt., 50c; ⅞ oz., \$1.25; ¼ oz., \$4.00.

***June Marguerite.** 40,000 S. Large June flowering variety.

***Mayfield Giant.** 21,000 S. Quite large flowered, end of June.

Alaska. 21,000 S. The standard Shasta Daisy, July. Prices on above varieties each: Tr. pkt., 15c; ¼ oz., 30c; 1 oz., \$1.00.

DELPHINIUM (10,000 S.)—Prospects for new seed this summer are good. Should be ready in July.

GIANT PACIFIC HYBRIDS

Blue Bird Series. The clearest of medium blues with white bee. 2½ in. flowers.

Galahad Series. The finest clear white Delphinium we list. Huge, double flowers borne on long, closely set spikes.

Black Knight Series. Deep mid-night violet. The darkest of them all.

Blue Jay Series. A brilliant true medium blue with dark bee.

Cameliard Series. A pure lavender self with white bee. Very attractive.

Round Table Series. Hybrid or "trial ground mixture." Containing many new and interesting color types not yet introduced.

Guinevere Series. Fine light, pinkish-lavender with white bee.

King Arthur Series. Royal violet with white bee. Exceptional flower size.

MISCELLANEOUS PERENNIALS—Continued

Delphinium (continued)

Summer Skies Series. Light blue with an attractively contrasting white bee.

Prices on above varieties, each: Tr. pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1 oz., \$14.00.

Clear White. A very fine clear white, large double flowered hybrid Delphinium.

Blue Shades. One of our most popular strains. Mixture of light, medium and dark blue strains.

Lavender Pastel Shades. Mostly two-tone lavender combinations with brown or black bees.

Violet Shades. Deep, rich violet-blue colors with many contrasting white bees.

Mixture. A complete mixture of all colors in this fine hybrid type. Our finest Hybrid Delphinium strain.

Prices on above four varieties and mixture, each: Tr. pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1 oz., \$12.00.

OTHER VARIETIES

Belladonna Improved. A carefully reselected strain of this standard light blue. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.85; 1 lb., \$35.00.

Lamartine. Deep, bright marine blue with white eye. Outstanding for color and cut flower habit. Tr. pkt., 50c; 1/4 oz., \$1.35; 1 oz., \$4.75.

Bellamosum Improved. A reselected strain of this standard deep blue. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.85; 1 lb., \$35.00.

Belladonna. The original or regular strain. Tr. pkt., 30c; 1/4 oz., 60c; 1 oz., \$2.00.

Blackmore and Langdon Hybrids. Shades of blue with contrasting bees. A fine, free-flowering, hybrid strain. Tr. pkt., 50c; 1/4 oz., 90c; 1 oz., \$3.00; 4 ozs., \$9.00.

Wrexham or Hollyhock Strain. Extra large, tapering spikes. Long blooming period. Tr. pkt., 50c; 1/4 oz., \$1.60; 1 oz., \$5.50.

Gold Medal Hybrids. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

DIANTHUS (28,000 S.)—*Loveliness. 20 in. Large, freely produced, light lavender flowers, quite fragrant and with highly fringed and curled petals. Tr. pkt., 50c; 1/8 oz., \$1.35. **BARBATUS (Sweet William).** 24 in. Early June flowering. Perfectly hardy, flowering second season from seed.

***Newport Pink (Pink Beauty).** A particularly rich pastel salmon rose shade. Very attractive.

Scarlet Beauty. Well named.

Giant White. Ours is a particularly large flowered strain.

Single Mixture.

Double Mixture.

Prices on above varieties and Mixtures, each: Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

***Single Midget Mixed.** Very fine neat alpine and rock plant. 6 to 8 in. with dense heads of single Sweet William flowers. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

DIELYTRA (Dicentra)—*Spectabilis (Bleeding Heart). 1600 S. 32 in. Sow seed in fall and allow to stand outdoors over winter for good germination. Tr. pkt., 75c; 1/8 oz., \$2.50; 1/4 oz., \$4.50; 1 oz., \$16.00.

DIGITALIS—GLOXINOIDES (Foxglove). 180,000 S. 4 ft. **Purple, Rose, White,** and **Giant Shirley Mixture** Each: Tr. pkt., 20c; 1/4 oz., 60c; 1 oz., \$2.00.

EUPHORBIA—Corollata (Wild Baby's Breath). 8700 S. 24 in. Small Gypsophila-like white flowers. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.25.

GAILLARDIA—GRANDIFLORA. 9500 S. The following strains, except Goblin, are excellent cut flower sorts; large flowered and long stemmed.

***Dazzler.** The standard fine cutting strain. Golden yellow with maroon center.

***Monarch Strain.** A very superior mixture of large, full petaled flowers with an unusually bright color mixture.

Prices on the above two varieties, each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

Burgundy. Deep shade of wine red. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.00.

Goblin. 12 to 14 in. Forms very attractive compact plants. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

GEUM (7000 S.)—Lady Stratheden. 24 in. Double golden yellow.

Mrs. Bradshaw. 24 in. Double glowing red.

Prices on the above two varieties, each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

GYP SOPHILA—34,000 S. Valuable for outdoor summer cutting and easily and economically grown.

***Pacifica.** 42 in. Starry pink flowers in Sept. and Oct. Tr. pkt., 25c; 1/4 oz., 80c; 1 oz., \$2.75.

***Oldhamia.** 30 in. Feathery light pink flowers with silvery foliage. Blooms first year from an early sowing. Oct. flowering—watch frost dates. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

PANICULATA. The regular white hardy Gyp. Note that double grafted varieties like Bristol Fairy are not available from seed.

***Double Snow Flake.** 40 in. An improved double hardy Gyp. About 50% are double flowering plants. Tr. pkt., 35c; 1/4 oz., \$1.35; 1 oz., \$4.50.

Single White. Tr. pkt., 15c; 1 oz., 40c.

HEUCHERA—Sanguinea Splendens (Coral Bells). 750,000 S. 24 in. Crimson. Attractive, with some value for cutting. Blooms all summer. Tr. pkt., 50c; 1/8 oz., \$1.75; 1/4 oz., \$3.00.

HOLLYHOCK—Imperator. 2700 S. Choice double fringed mixture. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

CHATER'S DOUBLE. 3100 S. The standard double Hollyhock.

Chamois, Deep Rose, Lilac Beauty, Newport Pink, Scarlet, Sulphur Yellow, White, and Mixture

Prices on all above Chater's varieties and Mixture, each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50.

IBERIS (11,500 S.)—Gibraltarica. 12 in. Large flowered lilac. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.35.

Sempervirens. 12 in. White flowers in late May. Seedlings flower second season. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.

LATHYRUS—LATIFOLIUS (Hardy or Everlasting Sweet Pea). 550 S. Abundant source of short-stemmed flowers.

Pink Beauty White Pearl Red Mixture
Each: Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 80c.

LAVANDULA (32,000 S.)—*Munstead Strain. 12 in. Freely produces large sweet scented flowers a month earlier than the common Lavender. An improved Vera. Tr. pkt., 30c; 1/4 oz., 85c; 1 oz., \$3.00.

LIATRIS (Blazing Star)—9500 S. Excellent cut flowers, long decorative, bold spikes. Used very effectively in basket arrangements.

***Pycnostachya.** Extra long-stemmed—3 to 5 ft. with long 15 to 18 in. flower spikes of rosy purple. Finest cut flower kind. Tr. pkt., 30c; 1/4 oz., 80c; 1 oz., \$3.00.

Scariosa, Rosy Purple. Extra large individual flower heads on long, loosely set spikes. Tr. pkt., 30c; 1/4 oz., 80c; 1 oz., \$3.00.

***Scariosa White.** A very fine pure white. Long closely set flower spikes. Our strain comes about 85% true to type. Tr. pkt., 50c; 1/4 oz., \$1.60; 1 oz., \$5.50.

Spicata. Not quite so long-stemmed or with as long flower spikes as Pycnostachya; purple. Prefers a damp low location. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

MISCELLANEOUS PERENNIALS—Continued

LILIES FROM SEED—*White Queen. 8200 S. With the bulb situation in its present acute condition the production of Lilies from seed assumes first rate importance. This strain produces flowers fully equal to the finest Erabu's or Gigs. in 15 months from seed. The largest and finest seed propagated Lily we know of. ½ Tr. pkt., 60c; Tr. pkt., \$1.00; ¼ oz., \$1.75; ¼ oz., \$3.25; 1 oz., \$12.00.

Philippinense Formosanum, Giant Flowered. 8200 S. An improved form of the original stock of Philippine Lily. Tr. pkt., 35c; ¼ oz., 85c; 1 oz., \$3.00; 4 ozs., \$10.00.

Philippinense Formosanum Improved. 8200 S. The original Philippine Lily. Tr. pkt., 25c; ¼ oz., 75c; 1 oz., \$2.50.

Regale (Regal Lily). 6500 S. Pink with primrose center. Tr. pkt., 15c; ¼ oz., 30c; 1 oz., \$1.00; 4 ozs., \$3.00.

LUPINUS—POLYPHYLLUS (Hardy Lupine). Fine cutting material. Requires a well drained location and thrives best in cool climates.

***Russell Strain.** 1000 S. Unusually long closely set flower spikes and the widest range of attractive colors found in Hardy Lupines.

Resected Stock (Originator's packets) 20 seeds, 30c; 65 seeds, 65c; 150 seeds, \$1.25; 350 seeds, \$2.50.

Grown from Originator's Stock. Tr. pkt., 35c; ¼ oz., 60c; 1 oz., \$2.00; 4 ozs., \$6.00.

MATRICARIA Capensis (Feverfew) (145,000 S.)

***Ball Double White.** Demand for this fine cut-flower has increased steadily since our introduction of it 9 years ago. Sowings made through January will produce a welcome cut during July and early August. Around 90% fully double flowers that hold up well in shipping. Tr. pkt., 35c; ¼ oz., \$1.00; ¼ oz., \$1.75.

MYOSOTIS (Forget-me-not) (42,000 S.) ***Blue Bird** (Oblongata). 12 in. Standard blue for Spring greenhouse flowering. Tr. pkt., 30c; ¼ oz., 75c; 1 oz., \$2.75.

***Royal Blue** (Indigo Blue). 12 in. Deep rich blue.

Tr. pkt., 25c; ¼ oz., 65c; 1 oz., \$2.25.

For **Myosotis Ball Early**, see page 13.

For **Pinks**, see Dianthus, page 14.

PLATYCODON—GRANDIFLORUM (Tufted Harebell or Balloon Flower). 28,000 S. 24 in. Very attractive for spring sales, perfectly hardy.

***New Giant Early** (Praecox Gigantea). Earlier and larger flowered than the regular blue.

Mixture. A formula mixture consisting of mostly blue shades with some white.

Prices on both above, each: Tr. pkt., 25c; ¼ oz., 65c; 1 oz., \$2.25.

POPPY—ORIENTALE (Oriental poppy). 140,000 S. Large cup-shaped flowers with crinkled petals that are unsurpassed in brilliancy. Seed produced strains will vary some in color.

Beauty of Livermere. Dark oxblood-red. Tr. pkt., 30c; ¼ oz., \$1.00; 1 oz., \$3.50.

Princess Victoria Louise. The standard light orange salmon. Tr. pkt., 30c; ¼ oz., \$1.00; 1 oz., \$3.50.

Salmon Shades (New) Huge blossoms in unusual new salmon shades. Tr. pkt., 35c; ¼ oz., \$1.00; ¼ oz., \$1.75.

Mixture of all colors. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

PRIMULA—VERIS. 33,000 S. A very useful class for spring pot work. Plants lifted from outdoors in fall will make specimen pot plants from February on. The large flowered Collosa is also of value as a cut flower for early forcing.

***Collosa.** Extra large flowers (1½ to 2 in.) on long stiff stems. Remarkable color range including shades of lilac, pink, copper and dark red. The seed we offer is of our own growing. Tr. pkt., 75c; ½ oz., \$2.00; ½ oz., \$3.50; ½ oz., \$6.00.

***Giant Munstead Strain.** The standard strain for bedding. Not so tall as above; in shades of yellow. Tr. pkt., 75c; ½ oz., \$2.00; ¼ oz., \$3.75; 1 oz., \$14.00.

***Polyanthus Mixture.** 12 in. Tr. pkt., 75c; ½ oz., \$1.75; ¼ oz., \$3.25; 1 oz., \$12.00.

Blue Flowered Tr. pkts. only—\$1.00.

Giant Monarch Strain. A fine large flowered mixture. Tr. pkt., 75c; ½ oz., \$2.00; ¼ oz., \$3.75; 1 oz., \$14.00.

Giant Crimson. Large flowered Giant.

Giant Yellow. A Giant separate color selection.

Giant White. A true giant.

Prices on the above three varieties, each: Tr. pkt., 75c; ½ oz., \$1.75; ¼ oz., \$3.00.

PYRETHRUM—ROSEUM (Painted Daisy). 18,000 S. The standard hardy cut flower class.

***Robinson's Hybrids.** Large single mixture. Tr. pkt., 50c; ¼ oz., \$1.75; 1 oz., \$6.00.

***James Kelway.** Fine dark red cut flower variety. Tr. pkt., 50c; ½ oz., \$1.25; ¼ oz., \$2.25; 1 oz., \$8.00.

***Semi-Double Mixture.** An excellent strain. Tr. pkt., 50c; ¼ oz., \$1.75; 1 oz., \$6.00.

Single Mixed. An attractive mixture of colors in the large-flowered single type. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

SCABIOSA—2400 S. Excellent large flowered perennial cut flower material. Seed germination sometimes slow.

Caucasica Perfecta. Improved large flowered form of this lilac lavender strain. Tr. pkt., 30c; ¼ oz., 75c; 1 oz., \$2.50.

***Caucasica, House Hybrids.** Large beautiful flowers ranging in color from white through azure-blue and lavender to deep blue. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

STATICE—Perennial Statice are very hardy, make good cut flower material and some as noted can be successfully dried and dyed.

Caspia. 175,000 S. 30 in. Seedlings flower second season. Lilac. Tr. pkt., 25c; ¼ oz., 75c; 1 oz., \$2.50.

***Dumosa.** 19,000 S. 18 in. Dense clumps of silvery gray flowers produced second season from seed. Tr. pkt., 30c; ¼ oz., 75c; 1 oz., \$2.50.

***Latifolia** (Sea Lavender). 40,000 S. 30 in. Standard blue perennial Statice. Very hardy and may be dried. Tr. pkt., 25c; ¼ oz., 60c; 1 oz., \$2.00.

STOKESIA—Cyanea. 3300 S. 16 in. Large blue flowers. Tr. pkt., 25c; ¼ oz., 75c; 1 oz., \$2.75.

VIOLA (Cornuta). Miniature Pansies. Extra free-flowering and effectively used for bedding. Perfectly hardy.

Apricot. Large flowered true apricot shade. Chantreyland better. Tr. pkt., 35c; ¼ oz., \$1.35; 1 oz., \$4.50.

***Arkwright Ruby.** Maroon-scarlet with dark center. A highly attractive bright color. Tr. pkt., 35c; ½ oz., \$1.00; ¼ oz., \$1.60; 1 oz., \$6.00.

Blue Perfection. Large flowered clear medium blue. Tr. pkt., 35c; ¼ oz., \$1.50; 1 oz., \$4.00.

***Chantreyland.** Extra large flowered true apricot. Tr. pkt., 50c; ¼ oz., \$1.75; 1 oz., \$5.50.

***Jersey Gem.** (True Stock). Attractive large deep Cattleya. Tr. pkt., 50c; ½ oz., \$2.00; ¼ oz., \$3.50.

Johnny Jump Up. A tiny flowered, but unique species; purple, blue, and yellow shades. Tr. pkt., 50c; ½ oz., \$1.00; ¼ oz., \$1.75.

***Lutea Splendens.** Clear golden yellow. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

Papilio. Blue and white combinations. Extra dwarf and free-flowering. Small flowered. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

White Perfection. Small pure white. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

Large-Flowered Mixture. Complete mixture of all large flowered varieties. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.



FOLLOW THROUGH

WITH **V**EGETABLE SEED AND PLANT SALES
FOR **V**-GARDEN AND GREENHOUSE CROPS

• The victory-garden campaign which has created an all time record for gardening in the States, is bound to FOLLOW THROUGH, to make every American utilize garden space and gardentime to the fullest extent throughout the summer and fall. We are on this page, listing a special selection of seeds which can be sown during the summer and early fall for further PLANTSALE, ROTATION CROPS, WINTER STORAGE as well as for GREENHOUSE fall and winter crops.

	oz.	4 ozs.		oz.	4 ozs.
BEETS Detroit Dark Red	\$.30	\$ 1.00	ONION Ebenezer (for sets)	\$.60	\$2.00
Early Wonder Tall Top	.30	1.00	Riverside Yel. Sw. Spanish	.90	3.00
CABBAGE Copenhagen Market	.75	2.50	Yellow Globe Danvers	.75	2.50
Ey. Jersey Wakefield	.50	1.70	White Welch Bunching, Peren.	.60	2.00
Late Flat Dutch	.75	2.50	PARSLEY Extra Tripled Curled	.20	.65
• CHINESE CABBAGE Chihli	.50	1.70	Paramount, Finest Curled	.20	.65
CARROT Amsterdam Forcing	.65	2.20	PARSNIP Short Thick, Early	.25	.85
Chantenay Red Cored	.55	1.85	Smooth White	.20	.65
Morse's Bunching	.55	1.85	RADISH Ey. Sct. Globe, Short top	.15	.35
Supreme Half Long	.50	1.70	French Breakfast	.15	.35
CAULIFLOWER Snowball "A" Pkt. 50c	3.50	12.00	Crimson Giant	.15	.35
• CHICORY Witloof "French Endive"	.60	2.00	Icicle	.15	.35
CUCUMBER Chicago Pickling	.30	1.00	Scarlet Turnip White Tip	.15	.35
Straight 8	.35	1.20	Chinese Rose Winter	.15	.35
• ENDIVE Deep Heart Fringed	.30	1.00	SPINACH Giant Thick Leaved	.15	.45
KALE Dwarf Green Curled	.40	1.35	King of Denmark	.15	.50
KOHLRABI Early White Vienna	.75	2.50	SWISS CHARD Lucullus	.25	.85
LETTUCE Black-seeded Simpson	.25	.85	TOMATOES For Greenhouse Forcing		
Grand Rapids Forcing	.35	1.20	Marhio Forc. Pink Pkt. 25c	1.00	
Imperial No. 44, Heading	.35	1.20	Mich. State Forc. Pkt. 25c	1.00	3.35
Looseleaf Prizehead	.25	.85	Waltham Forcing Pkt. 50c	3.50	
MUSKMELON Honey Rock	.30	.85	Bonny Best	.75	2.50
Pride of Wisconsin	.30	1.00	Globe, Livingston, Pink	.80	2.70
Rocky Ford	.25	.85	Master Marglobe Res.	.80	2.70
			TURNIP Purple-Top White Globe	.20	.65

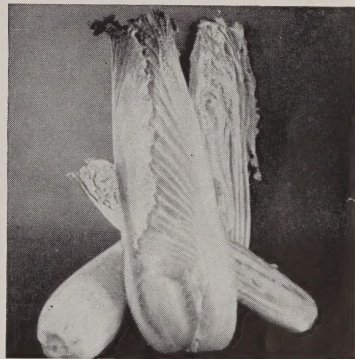


• **GROW ENDIVE** for winter storage. Sow June-July, space one foot apart. When nearly grown, tie leaves to blanch. Protect with mulch or winter covering or dig plants before killing frost, taking plenty of soil with the roots and pack closely together in a dark cellar.

• **GROW CHICORY WITLOOF** ("French Endive"). A fine florist "catch crop," forced during winter or spring, giving good returns with minimum care and use of spare room under benches, in cellars or similar places where the roots will get enough heat to force in about 30 days, to crisp 6 inch long blanched heads of finest flavor. Ideal for salads!

DIRECTIONS FOR GROWING CHICORY

Sow early summer, space 3 inches, dig roots before ground freezes and after roots have been cured by early frosts. Trim off leaves to about 2 inches from neck, break off any



• **GROW CHINESE CABBAGE** for August plant sale and winter storage. An ideal quick grower and of excellent flavor, cooked or raw. Will store for 2 months or more when harvested before killing frost and kept in cold storage. Sow in July, space 8 inches. Requires good soil and enough moisture to prevent checking of growth.

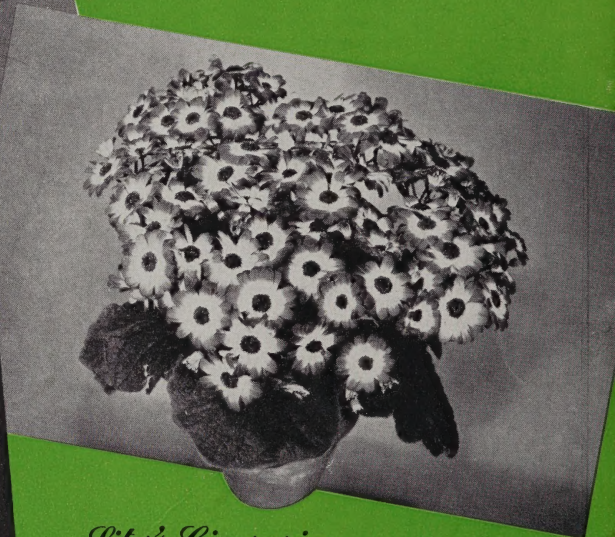
side shoots and shorten root to about 8 to 10 in., store in a dry, cold and dark place until you want to force them. Place about 2 inches apart in soil. Water and cover with about 10 inches of light soil or sand. Cut heads when breaking through the surface, leaving part of the neck attached.

Our AMERICAN GROWN Pot Plant Seed . . .



Cineraria Multiflora Nana "Gold Center"

The large yellow disc of "Gold Center" adds a bright point to it that is not found in any Cineraria. It is also the most dwarf or compact variety on the list. Largely blue and red shades.

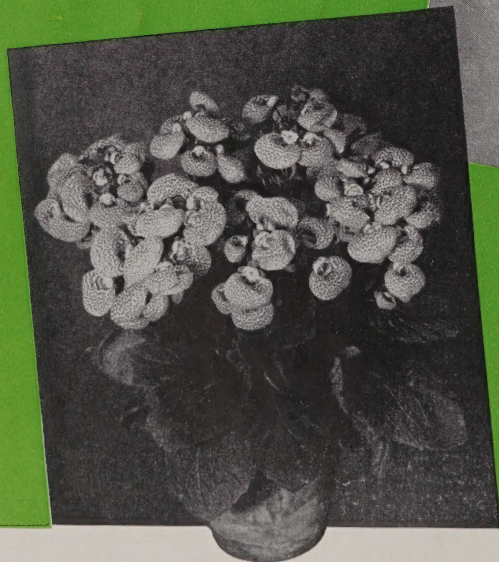


Siter's Cineraria

The size of the flowers and their eyed or bi-color effect is rapidly getting the Siter Cineraria into first place. We grow all our Cineraria seed and we believe we know what colors the average growers want.

Calceolaria "Dwarf Spotted"

While its name describes it exactly, words can hardly do justice to the charming effect of its coloring and extra compact habit. We grow all of our Calceolaria seed. To us there is a feeling of assurance in this that is missing in foreign seed sources.



"Flower Seeds for Florists"

Gro. J. Ball
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WEST CHICAGO
ILLINOIS